How to change rear coil springs on **Ford Fiesta V JH JD** – replacement guide

VIDEO TUTORIAL

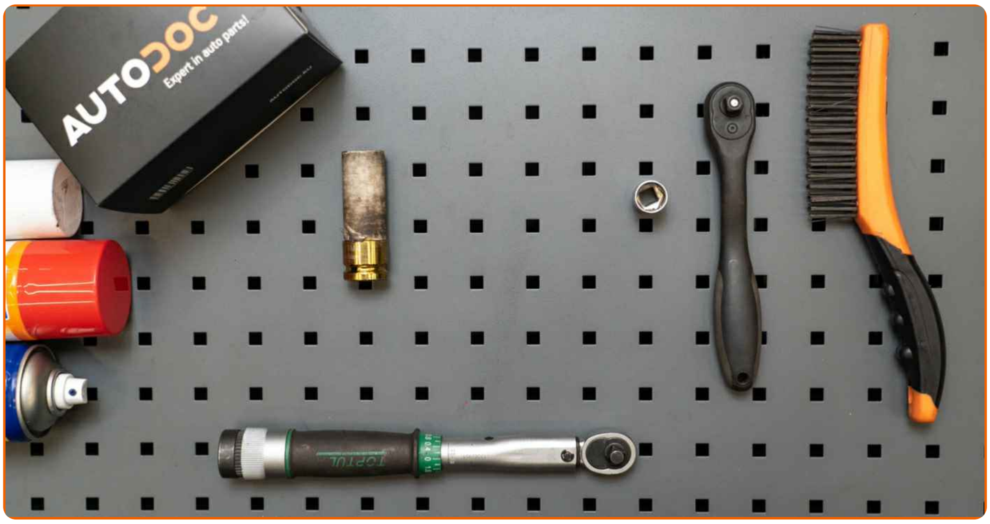


Important!

This replacement procedure can be used for:
FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) 1.4 TDCi, FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) 1.3, FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) 1.6 16V, FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) 1.25 16V, FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) 1.6 TDCi, FORD Fiesta Mk5 Van 1.3, FORD Fiesta Mk5 Van 1.4 TDCi, FORD Fiesta Mk5 Van 1.6 TDCi, FORD Fiesta Mk5 Van 1.4

The steps may slightly vary depending on the car design.

REPLACEMENT: COIL SPRINGS – FORD FIESTA V JH JD. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 15
- Wheel impact socket #19
- Ratchet wrench
- Torque wrench
- Tap wrench
- Hydraulic transmission jack
- Wheel chock

BUY TOOLS

Replacement: coil springs – Ford Fiesta V JH JD. AUTODOC experts recommend:

- Both coil springs of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right coil springs of the rear suspension.
- All work should be done with the engine stopped.

REPLACEMENT: COIL SPRINGS – FORD FIESTA V JH JD. USE THE FOLLOWING PROCEDURE:

1 Secure the wheels with chocks.



2 Loosen the wheel mounting bolts. Use wheel impact socket #19.



3 Raise the rear of the car and secure on supports.



4 Unscrew the wheel bolts.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. Ford Fiesta V JH JD

5 Remove the wheel.



6 Support the rear suspension beam. Use a hydraulic transmission jack.



7 Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



8 Unscrew the lower fastener of the shock absorber. Use a drive socket #15. Use a tap wrench.



9 Remove the fastening bolt.



10 Remove the mounting from under the rear axle beam.



Replacement: coil springs – Ford Fiesta V JH JD. Tip:

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

11 Support the rear suspension beam. Use a hydraulic transmission jack.



12 Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.



13 Unscrew the lower fastener of the shock absorber. Use a drive socket #15. Use a tap wrench.



14 Remove the fastening bolt.



15 Remove the mounting from under the rear axle beam.



AUTODOC recommends:

- Replacement: coil springs – Ford Fiesta V JH JD. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

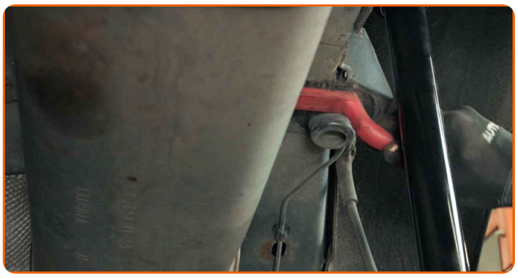
16 Remove the spring.



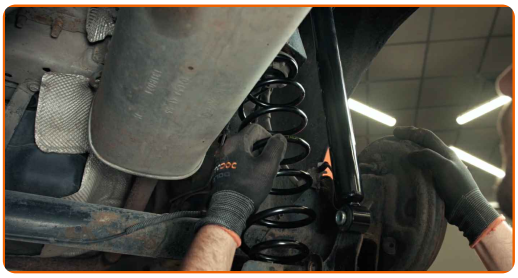
Replacement: coil springs – Ford Fiesta V JH JD. AUTODOC recommends:

- Inspect the rubber mounts of the suspension spring. Replace if necessary.

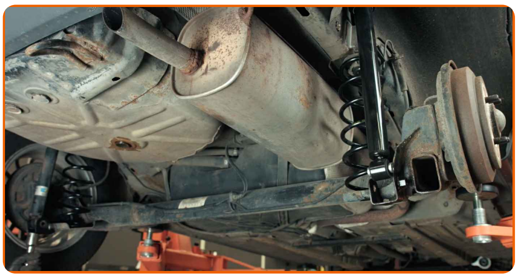
17 Clean the coil spring mounting seats. Use a wire brush. Use WD-40 spray.



18 Install the coil spring together with the rubber mounts into the mounting seats.



19 Support the rear suspension beam. Use a hydraulic transmission jack.



20 Install the fastening bolt.



21 Tighten the lower fastener of the shock absorber. Use a drive socket #15. Use a torque wrench. Tighten it to 115 Nm torque.

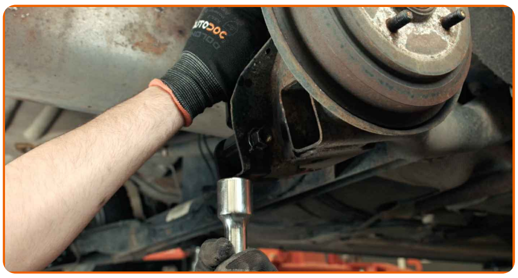
22 Remove the mounting from under the rear axle beam.



AUTODOC recommends:

- Ford Fiesta V JH JD – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

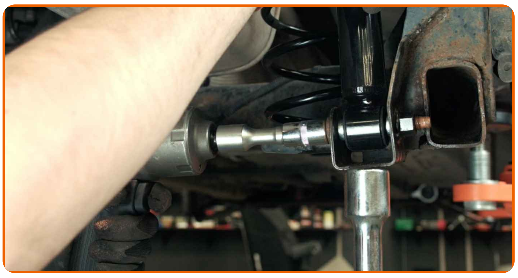
23 Support the rear suspension beam. Use a hydraulic transmission jack.



24 Install the fastening bolt.



25 Screw in the lower fastener of the shock absorber. Use a drive socket #15. Use a ratchet wrench.



26 Raise the hydraulic transmission jack by 10-15 cm.



27 Tighten the lower fastener of the shock absorber. Use a drive socket #15. Use a torque wrench. Tighten it to 115 Nm torque.



28 Remove the mounting from under the rear axle beam.



Replacement: coil springs – Ford Fiesta V JH JD. Tip from AUTODOC experts:

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

29 Treat the shock absorber fasteners. Use copper grease.



30 Clean the wheel rim mounting seat. Use a wire brush.



31 Treat the surface where the wheel rim contacts the brake drum. Use copper grease.



32 Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. Ford Fiesta V JH JD

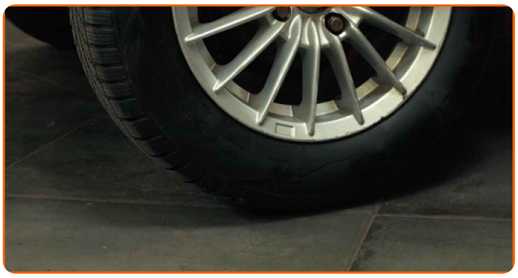
33 Screw in the wheel bolts. Use wheel impact socket #19.



34 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 95 Nm torque.



35 Remove the jacks and chocks.



WELL DONE!

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